

ABSTRACT

Effect Of Probiotic From Local Microbial Against To Quality Of Local Albumen, Yolk Index, And Yolk Color Egg On Age 10 Days

By

Arista Pribadi

The purpose of this research were to know 1) the effect of probiotic from local microbial against to quality of albumen index, yolk index and yolk color; 2) the optimal of probiotic level in feed against to albumen index, yolk index and yolk color. Manufacture of probiotic from local microbial was made on 8 to 19 December 2014 at the Laboratory of Microbiology Faculty of Mathematics and Natural Sciences, University of Lampung. This research used completely randomized design (CRD) with four probiotic treatments of local microbial (0%, 1%, 2% and 3%) with 5 replications and use 40 *layers*. The data were analyzed with the assumptions of variance. Based on these result it can be concluded that probiotic on the local microbial (0%, 1%, 2%, and 3%) was not significant ($P > 0.05$) on the quality of albumen index, yolk index, and yolk color.

Keywords: Probiotic, albumen index, yolk index and yolk color.